# DEPARTMENT OF SCIENCE AND TECHNOLOGY

Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)

Weather Division



MMSS-07 Rev.2 / 03-01-22

# TROPICAL CYCLONE BULLETIN NO. 16 Tropical Depression OBET

Issued at 2:00 AM, 22 October 2022 Valid for broadcast until the next bulletin at 5:00 AM today

## "OBET" MAINTAINS ITS STRENGTH AS IT MOVES WESTWARD OVER THE BALINTANG CHANNEL

# Location of Center (1:00 AM)

The center of Tropical Depression OBET was estimated based on all available data at 70 km West Southwest of Basco, Batanes (20.3°N, 121.3°E)

## Intensity

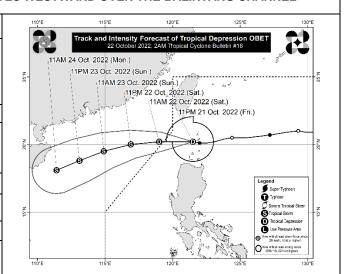
Maximum sustained winds of **45 km/h** near the center, gustiness of up to **55 km/h**, and central pressure of **1006 hPa** 

#### **Present Movement**

#### Westward at 20 km/h

# **Extent of Tropical Cyclone Winds**

Strong winds extend outwards up to  ${\bf 220~km}$  from the center



#### TRACK AND INTENSITY FORECAST

	Center Position			Intensity		Movement
Date and Time	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	dir. and speed (km/h)
12-Hour Forecast 11:00 AM 22 October 2022	20.2	119.0	310 km West of Basco, Batanes (Outside the PAR)	55	TD	W 20
24-Hour Forecast 11:00 PM 22 October 2022	20.0	116.9	530 km West of Basco, Batanes (Outside the PAR)	65	TS	W 20
36-Hour Forecast 11:00 AM 23 October 2022	19.5	114.9	690 km West of Calayan, Cagayan (Outside the PAR)	75	TS	WSW 20
48-Hour Forecast 11:00 PM 23 October 2022	18.8	113.1	880 km West of Extreme Northern Luzon (Outside the PAR)	75	TS	WSW 15
60-Hour Forecast 11:00 AM 24 October 2022	18.1	111.4	960 km West of Northern Luzon (Outside the PAR)	75	TS	WSW 15

TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT								
TCWS No.	Luzon	Visayas	Mindanao					
1	Batanes and Babuyan Islands	-	-					
Wind threat: Strong winds	Warning lead time: <b>36 hours</b> Potential impacts of winds: <b>Minimal to minor threat to life and property</b>							

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Prepared by: JEMB

Checked by: RPG



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#### HAZARDS AFFECTING LAND AREAS

#### **Heavy Rainfall**

*Until this morning:* Light to moderate with at times heavy rains possible over Batanes and Babuyan Islands. Under these conditions, **flooding and rain-induced landslides are still possible**, especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps and in localities with significant antecedent rainfall.

#### Severe Winds

Throughout the passage of OBET, **strong winds** (strong breeze to near gale strength) may be experienced within any of the areas where Wind Signal No. 1 is hoisted.

#### HAZARDS AFFECTING COASTAL WATERS

- Under the influence of the surge of the Northeast Monsoon, a **marine gale warning** remains in effect over the seaboards of Northern Luzon. For more information, refer to Gale Warning #25 issued at 5:00 PM yesterday.
- In the next 24 hours, the combined effects of the surge of the Northeast Monsoon and the tropical cyclone may also bring **moderate to rough seas** (1.5 to 3.0 m) over the seaboards of Central Luzon and the eastern seaboard of Southern Luzon. These conditions may be risky for those using small seacrafts. Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

#### TRACK AND INTENSITY OUTLOOK

- On the track forecast, OBET is forecast to track generally westward until tomorrow and will exit the Philippine Area of Responsibility this morning.
- Tropical Depression OBET is forecast to gradually intensify and may reach tropical storm category tonight. Further
  intensification is likely once the tropical cyclone moves over the West Philippine Sea.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.

The next tropical cyclone bulletin will be issued at 5:00 AM today.

DOST-PAGASA
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